

UTILITY PATENT APPLICATION TRANSMITTAL

(for Noncontinuing, Nonprovisional Applications under 37 C.F.R. §1.53(b))

Attorney Docket No. 7398/84010

Customer No. 22242

Mail Stop PATENT APPLICATION)
Commissioner for Patents)
U.S. Patent and Trademark Office)
2011 South Clark Place)
Crystal Plaza Two, Lobby, Room 1B03)
Arlington, VA 22202)
Sir:)

Transmitted herewith for filing under 37 C.F.R.)
§1.53(b) is the nonprovisional, noncontinuing)
patent application for:)

April 22, 2004

Title: LEAK DETECTOR FOR DETECTING)
LEAK OF LIQUID INJECTED INTO)
BLOOD VESSEL USING PULSE SIGNAL)

Named Inventor: ONO, Seiichi)

☒ 38 pages of the specification (including claims) are enclosed.

☒ 16 sheet(s) of drawings are enclosed. ☒ Formal ☐ Informal

☒ An executed Oath or Declaration and Power of Attorney naming the actual inventors is enclosed.

☐ The names of persons believed to be the actual inventors are set forth in the enclosed unexecuted Oath or Declaration and Power of Attorney (§1.41(a) and §1.53(b)).

☒ An Assignment of the invention to Nemoto Kyorindo Co., Ltd., and cover sheet are enclosed.

☐ A check in the amount of \$ to cover the fee for recording the assignment is enclosed.

☒ The Recordation Form Cover Sheet includes authorization to charge our Deposit Account for recording the assignment.

☐ A 37 C.F.R. §3.73(b) statement is enclosed where an assignee seeks to take action.

- ☒ An Information Disclosure Statement is enclosed.
- ☒ A Form PTO/SB/08 is enclosed.
- ☒ 9 References (copy of International Application only) listed as foreign patent documents or non-patent literature on Form PTO/SB/08 (37 C.F.R. § 1.98(a)(2)) are enclosed.
- ☒ A Return Receipt Postcard is enclosed (MPEP §503).
- ☒ Priority of application number 2003-123460, filed April 28, 2003, 2003-378443, filed November 7, 2003 and 2004-046555, filed February 23, 2004 in Japan are claimed under 35 U.S.C. §119.
- ☒ Three certified copies of the priority document are enclosed.
- ☐ A Computer Program Listing Appendix is enclosed.
 - ☐ A Transmittal Cover Letter for Computer Program Listing Appendix is enclosed.
 - ☐ Two (2) Compact Discs are enclosed.
- ☐ A Nucleotide and/or Amino Acid Sequence Submission is enclosed.
 - ☐ A Computer Readable Copy is enclosed.
 - ☐ A Paper Copy (Identical to Computer Copy) is enclosed.
 - ☐ A Statement Verifying Identity of above Copies is enclosed.
- ☒ The filing fee is calculated below:

Fee Calculation For Claims As Filed

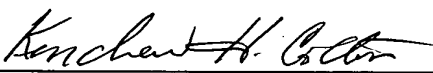
Basic Fee									\$	770.00
Independent Claims	<u>4</u>	-	<u>3</u>	=	<u>1</u>	x	\$	86.00	=	\$ 86.00
Total Claims	<u>60</u>	-	<u>20</u>	=	<u>40</u>	x	\$	18.00	=	\$ 720.00
Fee for Multiply Dependent Claims								\$	290.00	
Total Filing Fee									\$	<u>1,576.00</u>

- ☒ Applicant(s) assert entitlement to Small Entity Status (37 C.F.R. § 1.27), reducing the Filing Fee by half to: \$ 788.00
- ☐ A check in the amount of \$_____ to cover the filing fee is enclosed.
- ☒ Charge \$ 788.00 to Deposit Account No. 06-1135, under Order No. 7398/84010.
- ☐ The payment of the Filing Fee is to be deferred until the Declaration is filed. Do not charge our Deposit Account.

- ☒ A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. §1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.
- ☒ The Director is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 06-1135. Should no proper payment be enclosed herewith, the Director is authorized to charge the unpaid amount to Deposit Account No. 06-1135, under Order No. 7398/84010. This sheet is filed in duplicate.
- ☒ Also enclosed: Application Date Sheet
- ☒ Address all future communications to:

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April 23, 2004
Date


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First Named Inventor: ONO

Filed: Herewith

Title: LEAK DETECTOR FOR
 DETECTING LEAK OF LIQUID
 INJECTED INTO BLOOD VESSEL
 USING PULSE SIGNAL

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General Authorization 0903